

AMENDMENT TO THE CLAIMS

Please amend the presently pending claims as follows:

1. (Currently Amended) A Kelvin connector for coupling to a post of a battery, comprising:

a first contact having a surface which at least partially conforms to and is adapted to engage and electrically connect to a surface of ~~the~~such post;

a second contact having a surface which at least partially conforms to and is adapted to engage and electrically connect to the surface of ~~the~~such post; and

an electrical insulator between the first contact and the second contact to ~~couple~~mechanically connect the contacts together and to align the surface of the first contact and the surface of the second contact against the surface of ~~the~~such post and thereby form a Kelvin connection to ~~the~~such post, wherein the first contact, the second contact and the insulator form a closed loop that is used to encircle ~~the~~such battery post.

2. (Canceled)

3. (Original) The apparatus of claim 1 wherein the first contact and the second contact oppose each other.

4. (Original) The apparatus of claim 1 wherein the first contact comprises:

an insulator support portion which is embedded within the electrical insulator; and

a post grasping portion on which the surface of the first contact resides.

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Previously Presented) The apparatus of claim 1 further comprising a first connection bar integral with the first electrical contact and a second connection bar integral with the second electrical contact.

10. (Original) The apparatus of claim 1 wherein the first electrical contact and the second electrical contact are formed from electrically conductive sheet metal.

11. (Original) The apparatus of claim 1 wherein the first electrical contact and the second electrical contact are copper pieces with solder plating.

12. (Original) The apparatus of claim 1 wherein the insulator comprises plastic.

13. (Original) The apparatus of claim 1 wherein the insulator comprises a composite material.

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)